(No Model.)

E. A. LEFEBRE, Jr.

SHAWL STRAP AND LUGGAGE CARRIER.

No. 586,048. Patented July 6, 1897.

Fig: 1.

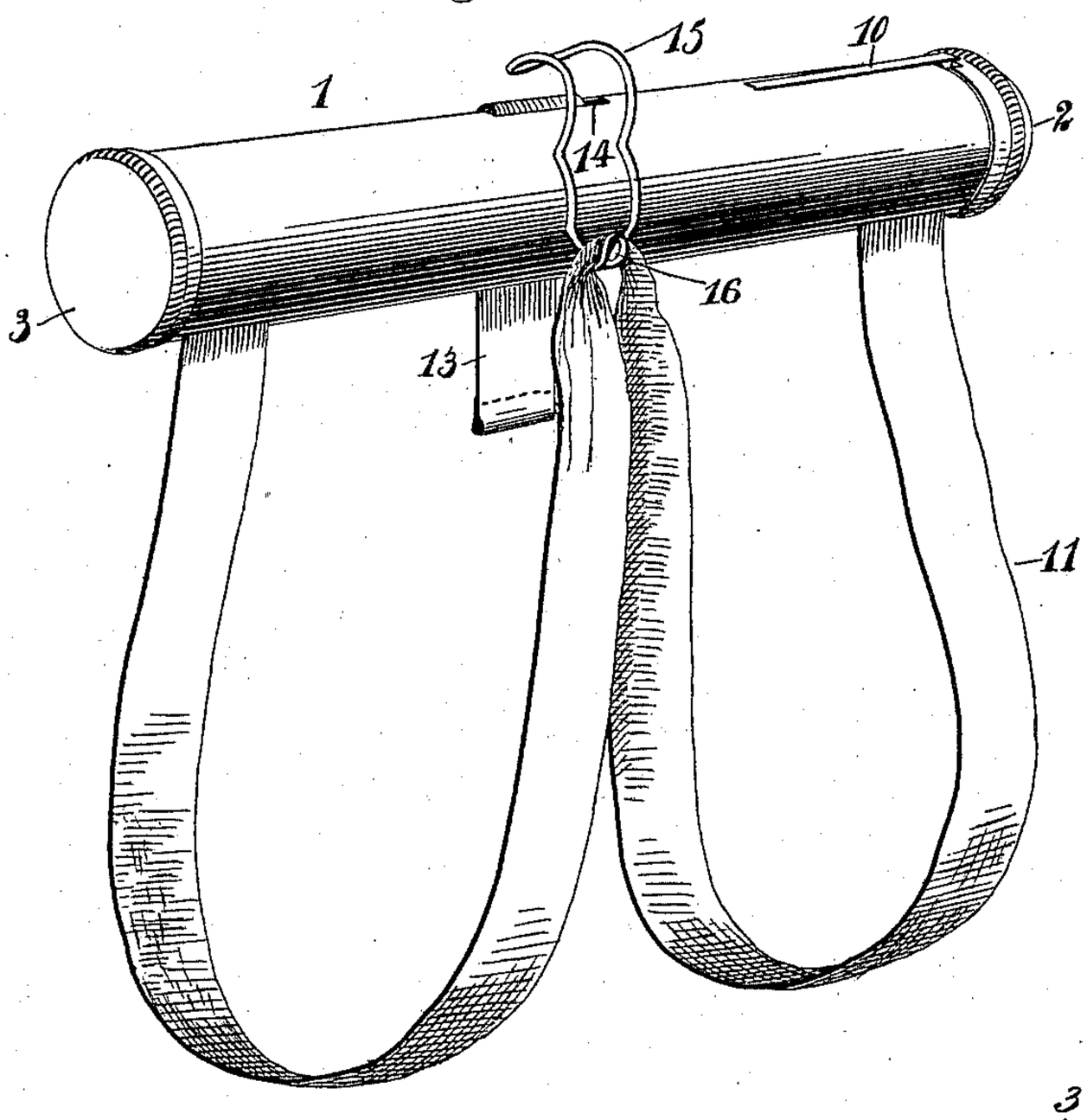


Fig: 2.

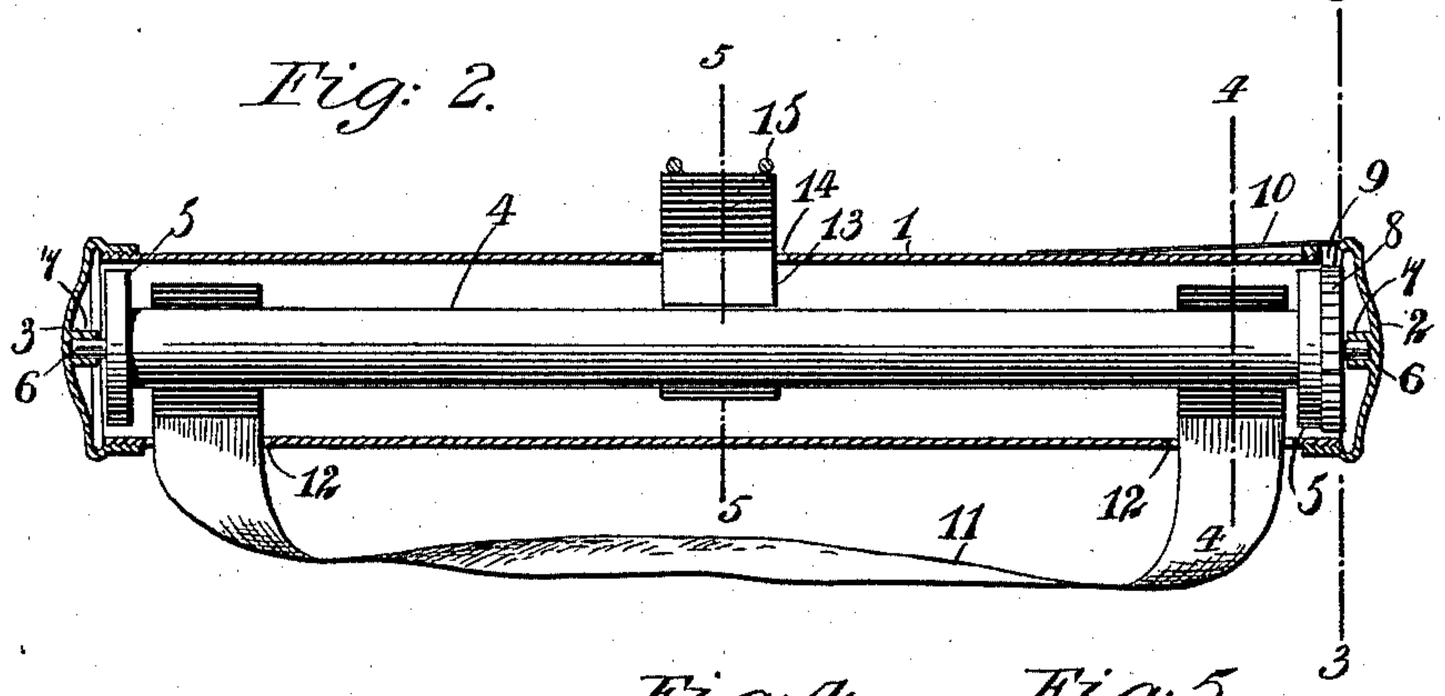


Fig: 3.

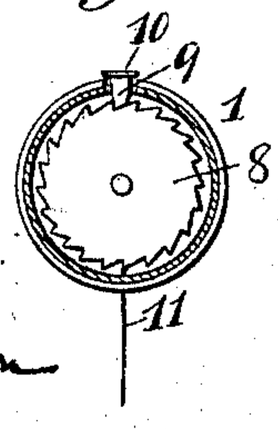


Fig: 4.

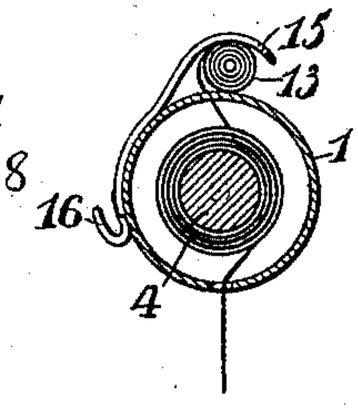
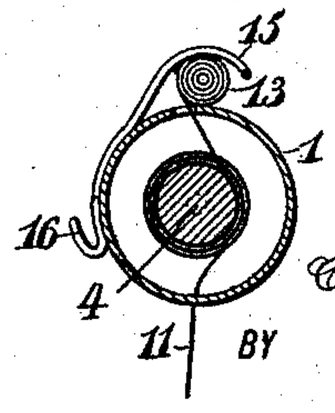


Fig: 5.



WITNESSES:

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SHAWL-STRAP AND LUGGAGE-CARRIER.

SPECIFICATION forming part of Letters Patent No. 586,048, dated July 6, 1897.

Application filed March 9, 1896. Serial No. 582,362. (No model.)

To all whom it may concern:

Be it known that I, EDWARD A. LEFEBRE, Jr., of Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Shawl-Straps and Luggage-Carriers, of which the following is a full, clear, and exact description.

This invention relates to devices for engaging shawls, books, or packages of any description, whereby the same may be conveniently carried or transported from place to place; and the object is to provide such a device that may be quickly and easily operated and in which there is a considerable amount of leverage for operating the binding-straps.

The invention comprises a cylindrical handle and a roller mounted within said cylindrical handle, from which a binding-strap and also an operating-strap extend outward through the handle.

The invention also consists in the construction and novel arrangement of parts, all as will be hereinafter specified, and particularly pointed out in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the device embodying my invention. Fig. 2 is a longitudinal section thereof. Fig. 3 is a section on the line 3 3 of Fig. 2. Fig. 4 is a section on the line 4 4 of Fig. 2, and Fig. 5 is a section on the line 5 5 of Fig. 2.

Referring to the drawings, 1 designates a cylinder which may be of any suitable material—such, for instance, as metal—and having removable closures 2 3 at its ends. These closures are here shown as having a screw-thread engagement with the ends of the cylinder, but it is to be understood that any other means of removably attaching the closures will come within the spirit of my invention. In this cylinder 1 is mounted to rotate a spindle 4, which may be of any suitable material—such, for instance, as wood—or of tubular metal. It is here shown as having flanges 5 at its ends of substantially the interior diameter of the cylinder, and these flanges may serve as the sole support between the cylinder and the spindle, but I have further shown this spindle as supported to rotate by means of trunnions 6, engaging in sockets 7, projected inward from the interior of the end closures. On one end of the spindle 4 is secured a ratchet-wheel 8, adapted for engagement with a pawl 9, passing through an opening in the wall of the cylinder 1 and here shown as mounted on a yielding arm 10, secured at its opposite end to said cylinder 1. The ends of the binding-strap 11 are passed through slot-openings 12 in the wall of the cylinder and are attached to the spindle 4 at or near its ends.

To the central portion of the spindle 4, or at any convenient point intermediate of its ends, is attached a winding strap 13, which passes out through a slot-opening 14 in the wall of the cylinder 1. These straps 11 and 13 may consist of any suitable material—such, for instance, as tape or leather—and it may be here stated that I provide removable closures at each end of the cylinder for convenience in attaching the ends of the binding-strap 11 to the spindle, as it is obvious that by removing the closures one end of the spindle may be moved outward and the end of the strap attached thereto and moved in the opposite direction to project the other end for attaching the opposite end of the strap.

I provide a keeper for the winding strap 13. This keeper, as here shown, consists of a resilient finger or fingers 15, attached to the outer side of the cylinder 1 and curved outward from and then toward the cylinder. By rolling up the winding strap 13 it may be inserted underneath the keeper 15, as indicated in Figs. 4 and 5, thus retaining it compactly in place. On the cylinder 1 is also secured a hook portion 16, over which the central portion of the binding-strap 11 may be slipped, as indicated in Fig. 1. This hook 16 may be formed integral with the part 15, or it may be independent thereof, without departing from the spirit of my invention.

In the operation of the device the binding-strap 11 will be turned around the article to be carried and its central portion engaged with the hook 16. Then by drawing outward the winding strap 13 the spindle 4 will be rotated to draw the binding-strap tightly against the article, and it is obvious that the pawl and ratchet will prevent a reverse movement of the spindle. When, however, it is desired

to release the article from the carrier, the pawl may be raised out of engagement with the ratchet-wheel and the binding-strap drawn outward. This will of course wind the winding strap on the spindle.

It will be seen by the construction described that there is considerable leverage between the rotary spindle and the binding-strap, so that said binding-strap may be drawn tightly around the article with very little exertion.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A shawl-strap and luggage-carrier, comprising a cylinder, a spindle mounted to rotate therein, a ratchet-wheel on said spindle, a pawl carried by the cylinder and adapted for engagement with said ratchet-wheel, a binding-strap having its ends passed through openings in the cylinder attached to said spindle, and a winding strap for rotating said spindle in one direction, substantially as specified.

2. A shawl-strap and luggage-carrier, comprising a cylinder, a spindle mounted to rotate therein, a binding-strap having its ends engaged with said spindle, a winding strap extended from said spindle, and a spring-yielding keeper for said winding strap on the outer side of the cylinder, substantially as specified.

3. A shawl-strap and luggage-carrier, comprising a cylinder having end closures, a spindle within the cylinder having trunnion-bearings in sockets formed on said end closures, and pawl-and-ratchet mechanism between the spindle and cylinder, a binding-strap having its ends secured to the spindle, and a winding strap extended from the spindle through an opening in the cylinder, substantially as specified.

4. A shawl-strap and luggage-carrier, comprising a cylinder having end closures, a spindle mounted to rotate therein, a binding-strap having its ends engaged with said spindle, a device on the cylinder for engaging the binding-strap to form loops, a winding strap having connection with the spindle, a receiver for said winding strap when folded, and a retarding device between the spindle and cylinder, substantially as specified.

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